

Notice of Allowability

Application No.

09/765,802

Examiner

Thuy Pardo

Applicant(s)

DOLIOV, STEPHAN

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on December 10, 2004.
2. ☒ The allowed claim(s) is/are 1,3-13,16-22,25-34 and 36-43, now renumber 1-37.
3. ☒ The drawings filed on 1/19/2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 12/10/2004
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

THUY N. PARDO
PRIMARY EXAMINER

DETAILED ACTION

1. Applicant's Amendment filed on December 10, 2005 in response to the Examiner's Office Action has been reviewed. Claims 1, 3-5, 7, 13, 16, 18, 22, 25, 27, 31, 36, and 39 have been amended, and claims 2, 14, 15, 23, 24, and 35 have been canceled.
2. Claims 1, 3-13, 16-22, 25-34, and 36-43 are presented for examination.

Allowable Subject Matter

3. Claims 1, 3-13, 16-22, 25-34, and 36-43 are allowed over the prior art of record.

The prior art of record fails to teach or suggest individually or in combination building predictive models with the aggregate measure and unique feature data to identify illegitimate interactions with the network wherein the predictive models include applying a mathematical model of interactions derived from at least one probabilistic mathematical equation; applying a mathematical model of interactions based on at least one stochastic mathematical equation; and determining a legitimacy of the interactions using the stochastic and probabilistic mathematical equations as set forth in independent claims 1 and 31 taken together with other limitations of claim 1 was not disclosed by the prior art of record, and building predictive models with the aggregate measure and unique feature data to identify undesirable interactions with the website, wherein statistical data analysis techniques are used to create predictive models of undesirable interactions; applying the statistical data analysis techniques to identify undesirable interactions

Art Unit: 2165

with the website before removing the undesirable interactions from the reports as set forth in independent claims 13 and 22.

Claims 3-12, 16-21, 25-30, and 32-34, and 36-43 being further limiting to claims 1, 13, 22, and 31 are also allowed.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuy Pardo, whose telephone number is 571-272-4082. The examiner can normally be reached Monday through Thursday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici, can be reached at 571-272-4083. The fax phone number for the organization where this application or proceeding is assigned as follows:

(703) 872-9306 (Official Communication)

and/or:

571-273-4082 (*Use this Fax#, only after approval by Examiner, for "INFORMAL" or "Draft" communication. Examiner may request that a formal/amendment be faxed directly to then on occasions*).

Art Unit: 2165

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

6. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 308-9051, (for formal communications intended for entry)

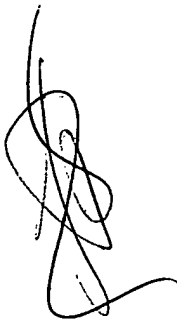
Or:

(703) 308-5359, (for informal or draft communications, please label

"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington. VA. Sixth Floor (Receptionist).

February 17, 2005

A handwritten signature in black ink, appearing to read 'THUY N. PARDO', with a stylized, looping flourish at the end.

**THUY N. PARDO
PRIMARY EXAMINER**